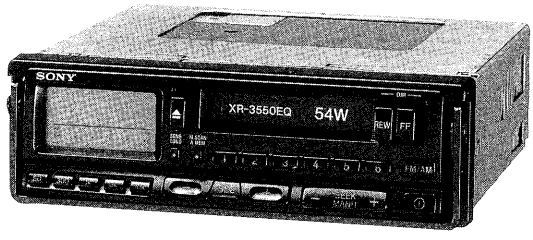
XR-3550EQ

SERVICE MANUAL

E Model



Model Name Using Similar Mechanism	XR-3050/3052
Tape Transport Mechanism Type	MG-707DH-35

SPECIFICATIONS

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 - 8 ohms
Maximum power output	27 W x 2 (at 4 ohms)*

Cassette player section

Tape track	4-track 2-channel stereo
Frequency response	40 - 15,000 Hz
Signal-to-noise ratio	55 dB
Wow and flutter	0.13% (WRMS)

Tuner section

System	Superheterodyne tuner Computerized quartz-locked synthesizer system
Antenna terminal	External antenna connector

FM tuner section

Tuning range	European and other countries 87.5 - 108.0 MHz (at 50kHz step) North and South American countries 87.5 - 107.9 MHz (at 200kHz step)
Intermediate frequency	10.7 MHz
Usable sensitivity	13 dBf (75 ohms)
Selectivity	75 dB at 400 kHz
Signal-to noise ratio	66 dB (stereo), 69 dB (mono)
Harmonic distortion at 1 kHz	0.9% (stereo), 0.5% (mono)
Separation	30 dB at 1 kHz
Frequency response	30 - 15,000 Hz
Capture ratio	2 dB

AM tuner section

Tuning range	European and other countries 531 - 1,602 kHz (at 9 kHz step) North and South American countries 530 - 1,710 kHz (at 10 kHz step)
Intermediate frequency	450 kHz
Sensitivity	35µV

General

Tone controls	Bass ±8 dB at 100 Hz Treble ±8 dB at 10 kHz
Loudness	+10 dB at 100 Hz +8 dB at 10 kHz
Output lead	Power antenna relay control lead
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 178 x 50 x 154 mm (w/h/d) not incl. projecting parts and controls
Mounting dimensions	Approx. 182 x 53 x 155 mm (w/h/d)
Mass	Approx. 1.7 kg
Accessories supplied	Mounting hardware (1 set)

Design and specifications are subject to change without notice.

FM/AM CASSETTE CAR STEREO

SONY®

Features

Tuner section

- **SSIR (Sony Super Interference Rejection) PLL synthesizer tuner** for precise tuning.
- **Memory preset tuning** allows you to store 6 stations on the AM band and 12 stations on the FM band in memory.
- **Preset volume level** will maintain the desired volume level when the unit is turned on.

Cassette deck section

The auto-stop function changes the mode to radio automatically when the tape reaches the end.

General

Slide-out security bracket allows you to take the unit away with you when you leave your car.

CAUTION
Make sure to turn off the power before you pull out the unit from your car.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270℃ during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

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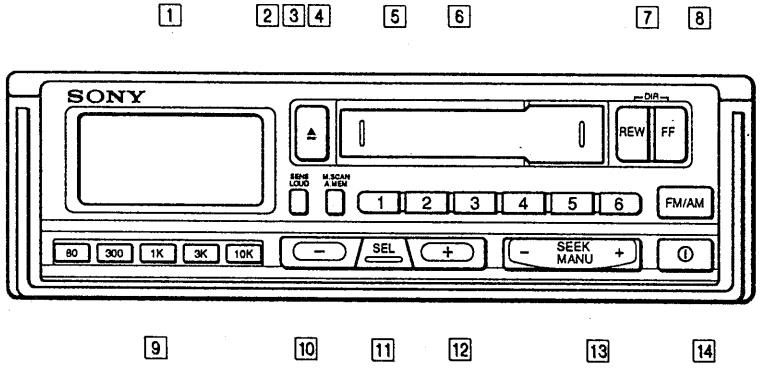
Locations and Function of Controls



1 **Display window**

2 **SENS (sensitivity)/LOUD (loudness) button ❼ ❽**
Press the button to reinforce bass and treble especially when listening at a low volume level. To disengage the button, press it again.

3 **▲ (eject) button ❺**
Press to stop tape playback and eject the cassette.

4 **M.SCAN (memory scan)/A.MEM (automatic memory) button ❾**
M.SCAN (memory scan) — Press the button for a moment to scan the preset stations automatically.
A.MEM (automatic memory) — Press and hold the button for longer than two seconds to memorize the stations automatically.

5 **Preset number button (preset call/memory) ❾**

6 **Cassette insertion door**

7 **FF/REW (fast winding) buttons/DIR (tape transport direction change) buttons ❺**
During playback, depress FF or REW for fast winding, or press both FF and REW simultaneously to listen to the other side of the cassette.

8 **FM/AM band select button ❽**

9 **Equalizer frequency select button ❿**
Press to select an equalizer frequency, 80Hz, 300Hz, 1kHz, 3kHz or 10kHz. Then, press (–) (+) (volume/balance/fader/equalizer frequency) button to adjust an audio level.

10 12 **(–) (+) (volume/balance/fader/equalizer frequency) buttons ❻ ❼**
After selecting the mode with volume/balance/fader/equalizer frequency mode select button, press the button to adjust the level.

11 **SEL (volume/balance/fader mode select) button ❻**
Press the button to change the mode for adjustment.

13 **SEEK (automatic tuning)/MANU (manual tuning) button ❽ ❾**
Press and release, in 0.5 second, (–) side to search stations in lower frequencies and (+) side to search in higher frequencies. Press and hold longer than 0.5 second to change to the manual mode. Then, frequencies will be changed manually by pressing the button. The manual mode is maintained for 2 seconds after releasing the button.

14 **⏻ (power on-off/volume level memory) button ❼ ❽**
Press the button to turn the unit on or off. This button is also used to set the volume level memory.

Cassette deck operation

Tape Playback

1. **Press the power on-off button 14 to turn on the unit.**
2. **Insert a cassette in the cassette insertion door 6.**
3. **Adjust the volume.**

Other Operations

To listen to the other side of the cassette
Press the FF (fast forward winding) button 7 and the REW (fast rewinding) button 7 simultaneously.

To wind the tape rapidly
Press the FF (fast forward winding) button 7 to advance the tape.
Press the REW (fast rewinding) button 7 to rewind the tape.

To resume playback, press the FF button 7 or REW button 7 lightly so as not to depress it.

To stop playback and listen to the radio
Press the ▲ (eject) button 3.
The unit enters the radio mode.

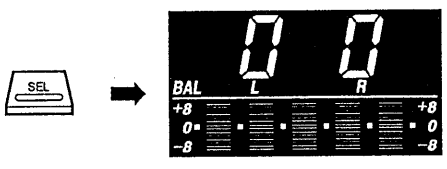
Before turning off the unit, be sure to eject the tape to avoid tape damage.

This section is extracted from instruction manual.

Audio Level Adjustment

Press the SEL (volume/balance/fader mode select) button [11] to select the mode that you wish to adjust.
The mode is indicated on the display window. Adjust the level with (−) (+) (volume/balance/fader/equalizer frequency) button [10] [12] while the mode is displayed.
When you press the level button, the volume mode is automatically selected and volume can be adjusted. Adjust each level in 3 seconds after selecting a mode.
Otherwise, the mode will be released and returned to the previous indication. Volume mode will be released in about 1 second. In this case, press the Select button to indicate the mode that you wish to adjust.

1. To adjust the balance between left and right speakers

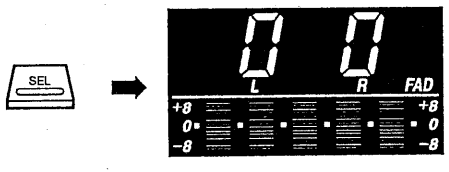


While the BAL indication is displayed

To decrease the right speaker

To decrease the left speaker

2. To adjust the fader between front and rear speakers



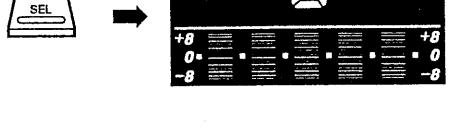
While the FAD indication is displayed

To decrease the rear speaker

To decrease the front speaker

3. To adjust volume

Volume can be adjusted by directly pressing the (−) (+) (volume/balance/fader/equalizer frequency) button [10] [12].
Volume can be also adjusted by selecting the volume mode.



While the level indication is displayed as shown on the left

To decrease

To increase

To memorize the volume level in the unit

Adjust the volume first to a desired level. Press and hold the ⏻ (power on-off/volume level memory) button [14] for more than 2 seconds. The unit is turned off and the volume level is memorized. The sound comes out with the preset volume level when the unit is turned on again.
Also if the volume level is lower than the preset volume level when the unit is turned off, the sound will come with the level lower than the preset volume level when turned on again.

Sound Adjustment

Loudness Function

When listening at low volume level

When the loudness mode is set on, low and high area of sound is emphasized.
Press the SENS (sensitivity)/LOUD (loudness) button [2] to set on and off.

Automatic Tuning

1. **Press ⏻ (power on-off/volume level memory) button [14] to turn on the unit.**
2. **Press FM/AM band select button [8] to select the desired band, FM I, FM II, or AM. The band indications will change as follows: FM I → FM II → AM → FM I**
3. **Press the SEEK (automatic tuning)/MANU (manual tuning) button [13] to start searching.**
   – : For lower frequency stations
   + : For higher frequency stations
   The searching automatically stops when a station is tuned in.
   Repeat this step until the desired station is tuned in.

When the FM stereo program is too weak and noisy

Press the SENS (sensitivity)/LOUD (loudness) button [2] to indicate MONO indication on the display window.

The sound will be monaural and noise will be reduced.

When ther are too many stations and the scanning stops too frequently during automatic tuning

Press the SENS (sensitivity)/LOUD (loudness) [2] button to indicate LCL indication on the display window. Only the stations with relatively strong signals can be tuned in.

Note: Each time you press the button, the display mode changes as follows:

→LCL (local) → MONO → normal →

Manual Tuning

1. **Press ⏻ (power on-off/volume level memory) button [14] to turn on the unit.**
2. **Press FM/AM band select button [8] to select the desired band, FM I, FM II, or AM.**
3. **Press the SEEK (automatic tuning)/MANU (manual tuning) button [13] for more than 0.5 second to select the manual mode and adjust frequency.**
   – : For lower frequency stations
   + : For higher frequency stations
   To change the frequency rapidly, press and hold the button.

Note: The manual mode will be released automatically 2 seconds after selecting the mode if there is no operation.

Warning: While driving, keep your eyes on the road and use the automatic tuning or the memory preset tuning!

Memory Preset Tuning

To Memorize the Stations

The unit can memorize up to 6 stations on the AM band and 12 stations on the FM band (6 stations each on FM I and FM II).

1. **Tune in a desired station using the automatic or manual tuning. [13]**
2. **Keep the desired preset number button [5] pressed while the sound is muted and frequency indication flashes.**
3. **Repeat these steps for each preset number button.**

Important
Every preset number button has only one memory for a band. The previously memorized station will be erased when you enter a new station of the same band on the same preset number button.

To Receive the Preset Station

1. **Press FM/AM band select button [8] to select the desired band.**
2. **Press the desired preset number button [5] lightly.**

To Memorize the Stations Automatically

Press the M.SCAN (memory scan)/A.MEM (automatic memory) button [4] for more than 2 seconds. The unit scans and memorize clearest receiving stations on each band, FM I, FM II and AM. Up to six station will memorized automatically.
Press the FM/AM band select button [8] again to select FM I, FM II, or AM and repeat the procedure again.

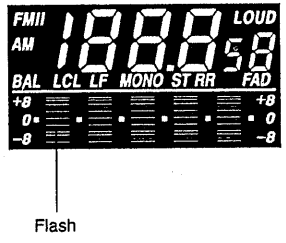
To survey what is being broadcasted on the preset stations

* Press the M.SCAN (memory scan)/A.MEM (automatic memory) button [4] lightly. Each memorized station will be scanned for a few seconds. To stop scanning, press the button again at the desired program.

Equalizer

To adjust an audio level on each frequency of 80Hz, 300Hz, 1kHz, 3kHz and 10kHz

1. **Press the desired equalizer frequency select button [9] to enter the equalizer frequency adjusting mode. The audio level in the selected frequency flashes.**



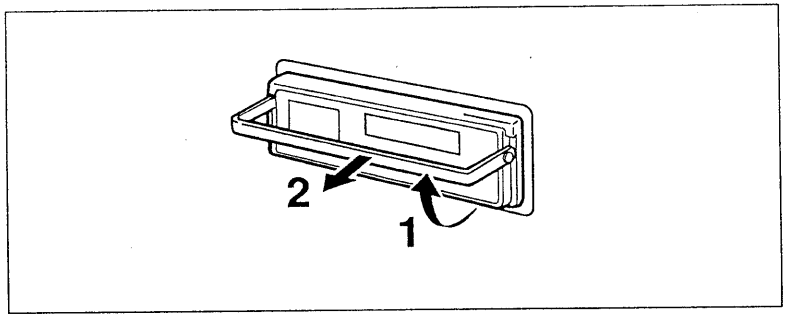
Flash

2. **Press the (−) (+) (volume/balance/fader/equalizer frequency) button [10] [12] to adjust the audio level.**
3. **Repeat the procedures 1 and 2 above for the other frequency, if desired.**

The equalizer frequency adjusting mode will be automatically released in 3 seconds if there is no key operation after selecting the adjusting mode.

To Remove the Unit

This prevents your car audio from being stolen.



Maintenance

Fuse Replacement

If the fuse blows, check the power connection and replace the fuse.
If the fuse blows again after replacement, there may be an internal malfunction. In this case, consult your nearest Sony dealer.

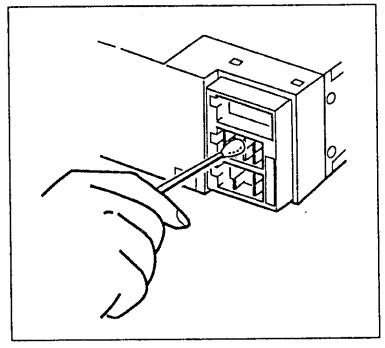
Warning
Use the specified amperage fuse for each lead. Use of a higher amperage fuse may cause serious damage.

Cleaning the Head and the Tape Path

Prolonged use may contaminate the tape head and the tape path. Contamination causes sound drop-outs in playback. Clean the tape head and the tape path every two weeks to enjoy optimum hi-fi stereo sound. Use a commercially available cleaning cassette.

Cleaning the Connector

To keep the best possible sound quality, clean the metallic part of the connector at the rear of the unit periodically using a commercially available head cleaning fluid or rubbing alcohol and a cotton swab.



AM/FM Tuning Interval

To change the AM/FM tuning interval (except for the model for European countries)

The tuning intervals are factory-set to 9k for AM and 50k for FM. If you use the unit where the frequency allocation is based on another tuning interval, change the interval before making connections by following the steps below.

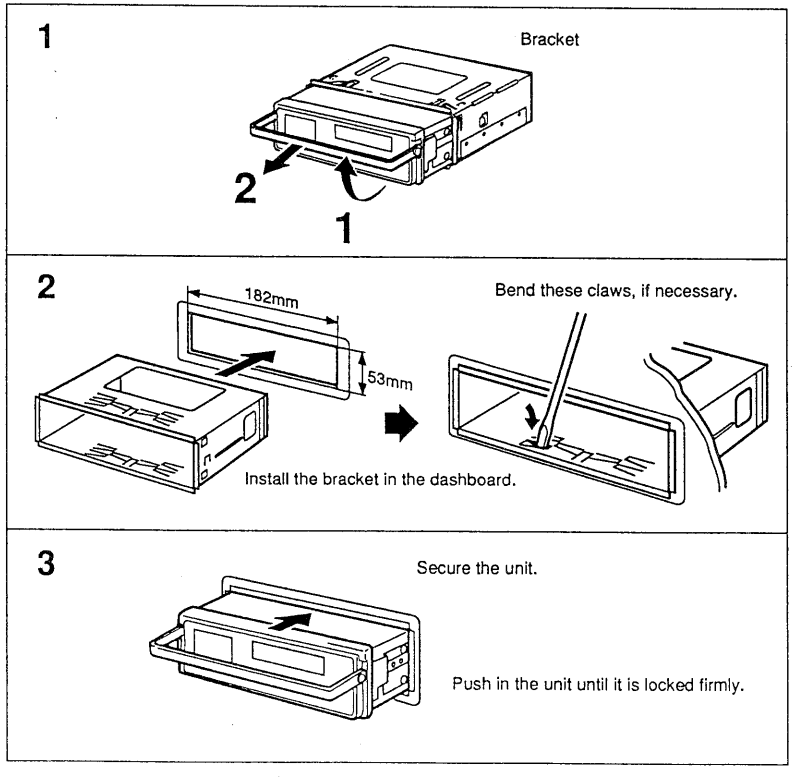
1. **Press and hold the SEL (volume/balance/fader mode select) button [11] for more than 5 seconds. The power will be turned off.**
2. **Press the preset number button 1. The power will be turned on and the tuning interval will be changed to 10k for AM and 200k for FM.**

Installation

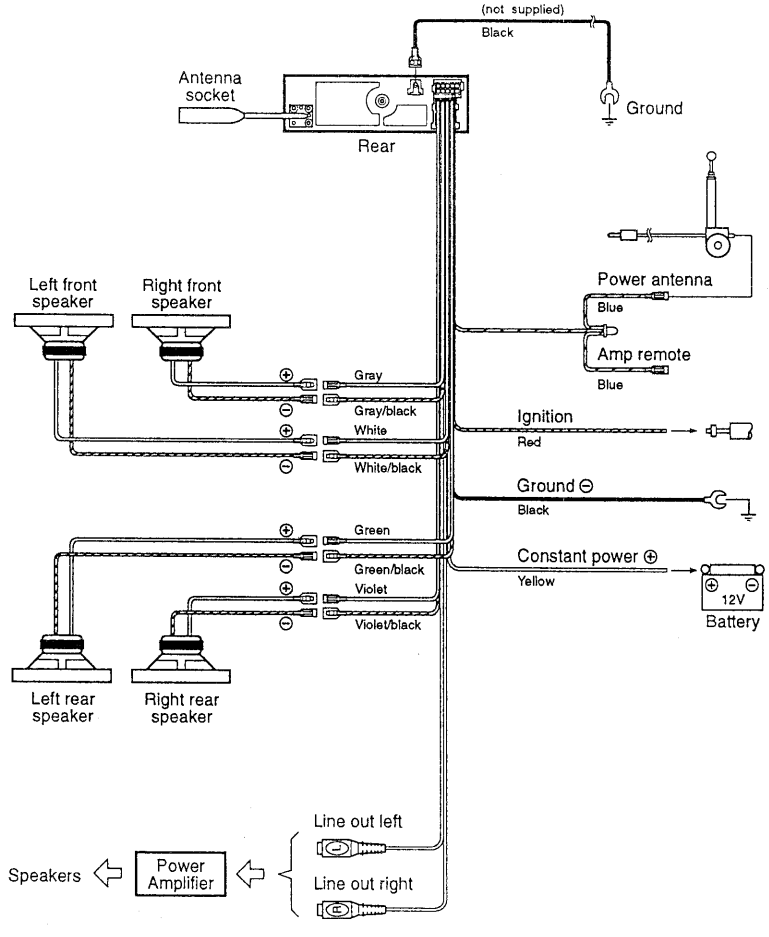
Precautions

- Choose the mounting location carefully so that the unit will not interfere with the normal driving functions of the driver.
- Avoid installing the unit where it should be subjected to high temperatures, such as from direct sunlight or hot air from the heater, or where it would be subjected to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.

To install the Unit in the Dashboard



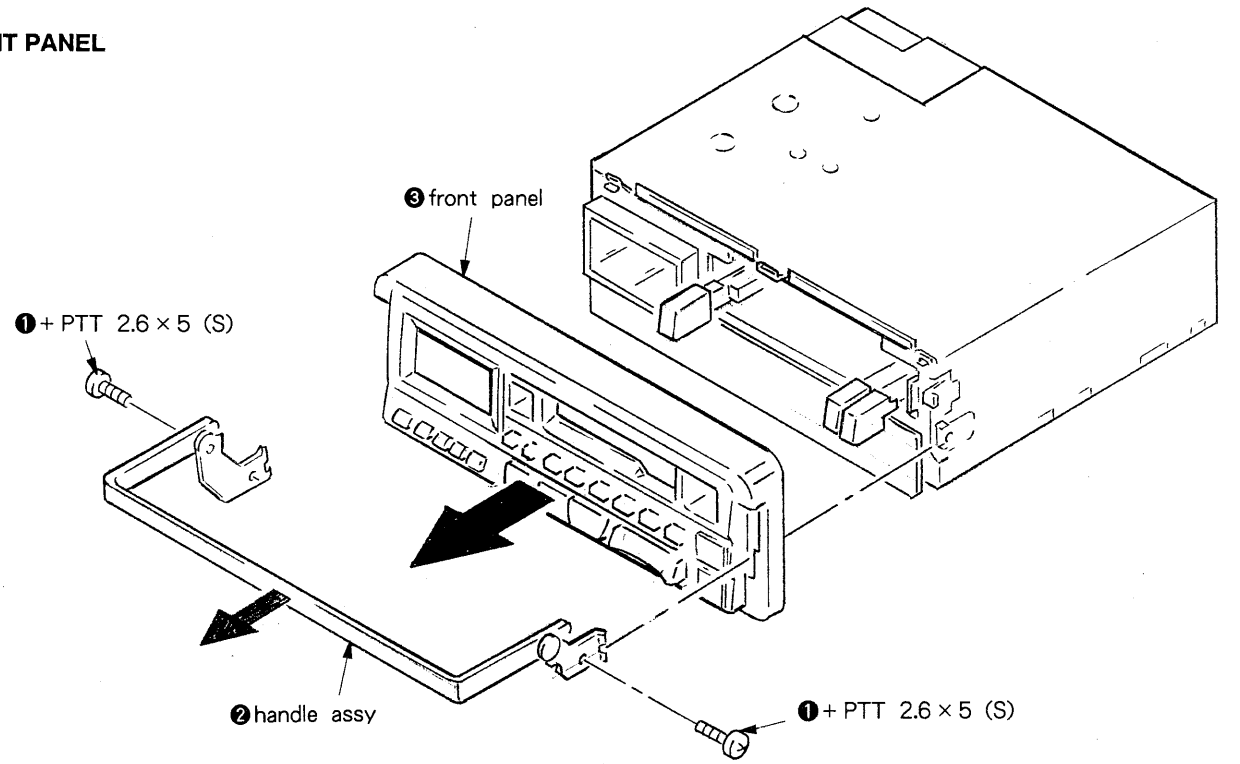
Connections



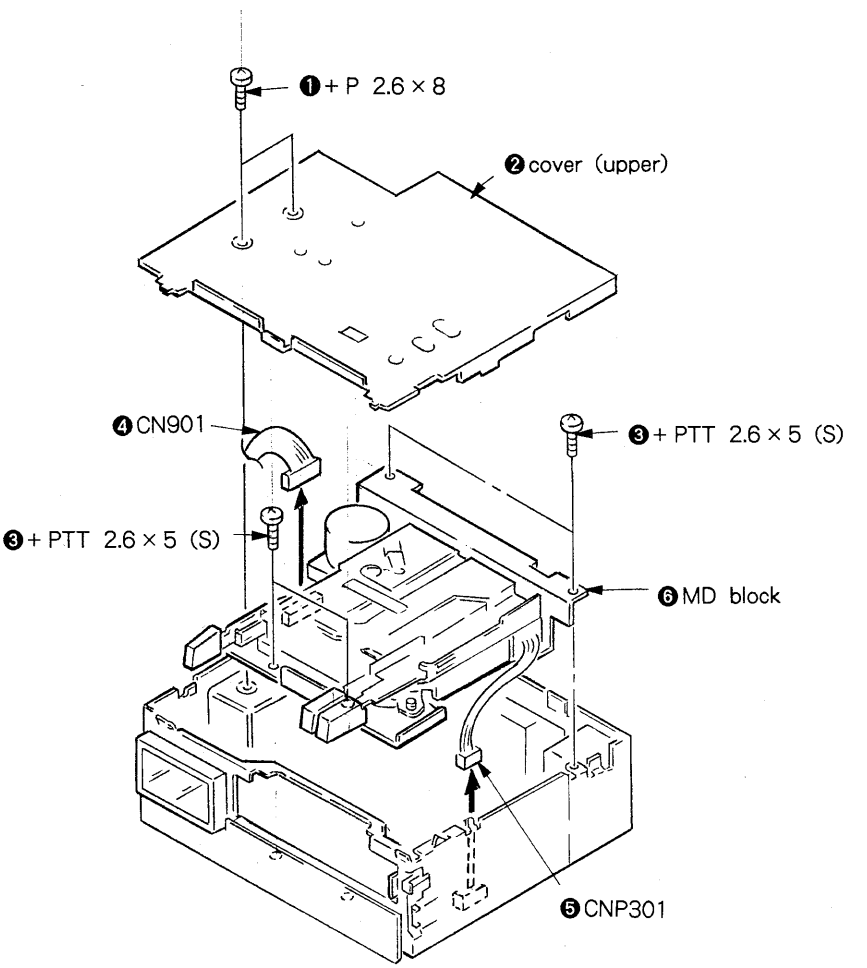
SECTION 2
DISASSEMBLY

NOTE : Follow the disassembly procedure in the numerical order given.

• **FRONT PANEL**



• **MD BLOCK**



SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :
   playback head　　pinch roller
   capstan　　rubber belts
   idlers
2. Demagnetize the playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. Unless otherwise specified make adjustments at the specified Voltage (14.4V).

Toque Measurement

Torque	Torque meter	Meter reading
Forward	CQ-102C	35 to 60 g • cm (0.49 to 0.83 oz • inch)
Forward back tension	CQ-102C	1 to 5 g • cm (0.014 to 0.06 oz • inch)
Reverse	CQ-102RC	35 to 60 g • cm (0.49 to 0.83 oz • inch)
Reverse back tension	CQ-102RC	1 to 5 g • cm (0.014 to 0.06 oz • inch)
FF/REW	CQ-102B	70 to 110 g • cm (0.98 to 1.52 oz • inch)

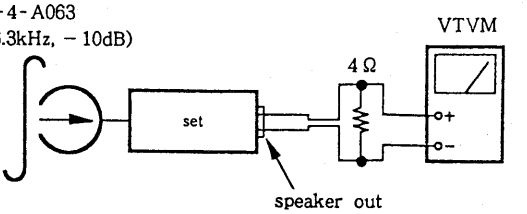
3-2. ELECTRICAL ADJUSTMENTS

TAPE SECTION

Playback Head Azimuth Adjustment

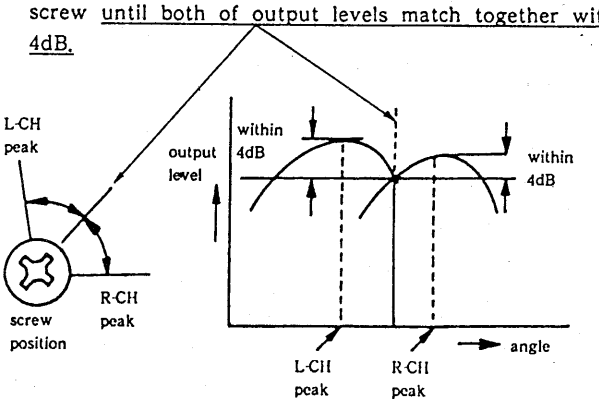
Procedure :

1. Mode : playback

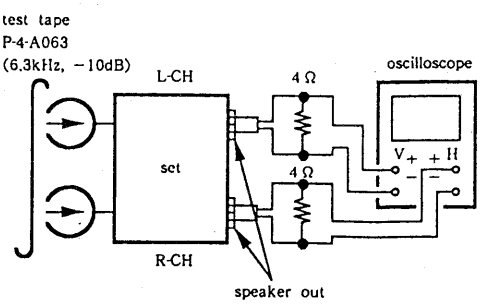


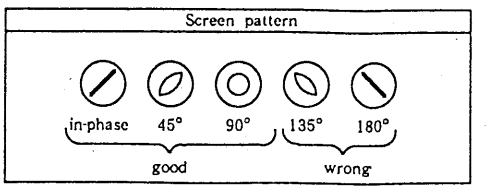
Adjust for forward (▶) direction and reverse (◀) direction.

2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 4dB.



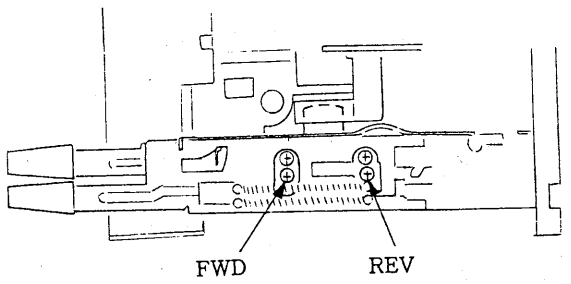
3. Phase Check
   Confirm that phase difference between L-channel and R-channel is within 90° .





4. Repeat the above adjustment for reverse playback mode.
5. After the adjustment, lock the screw with locking compound.

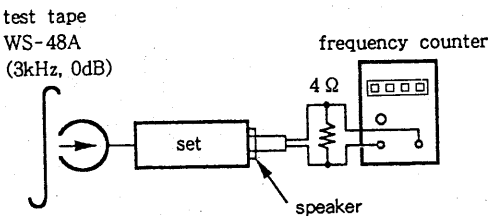
Adjustment Location:



Tape Speed Adjustment

Procedure :

1. Put the set into the FWD PB mode.

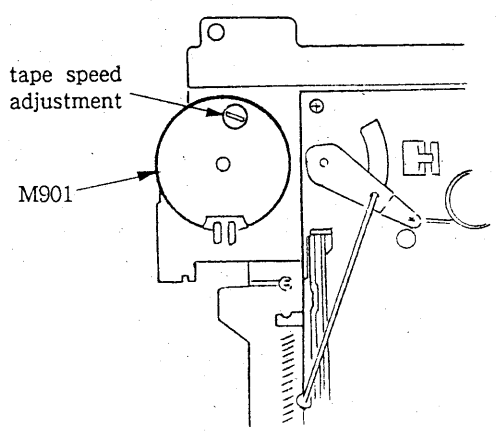


Specification :

Frequency counter
2,940 to 3,090 Hz

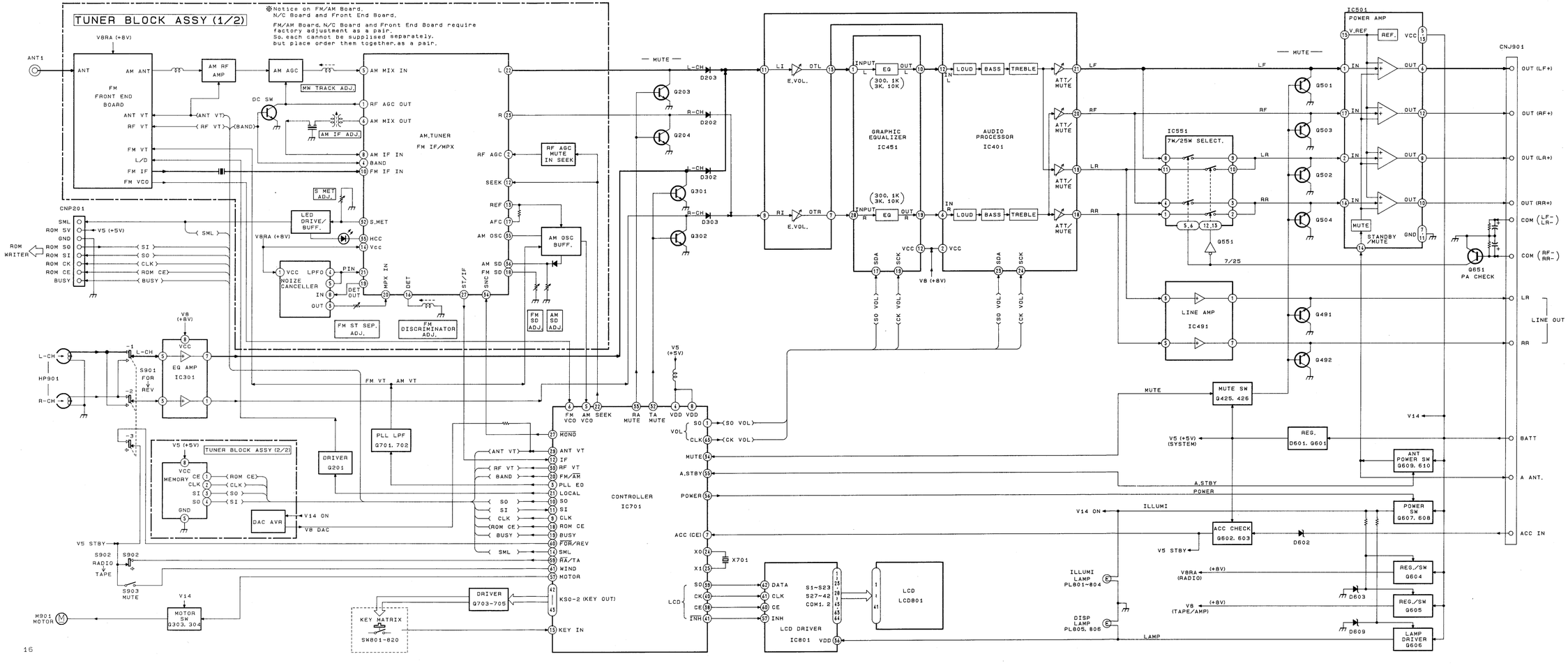
Adjust so that the frequency difference between the FWD and REV modes is within 1.5%.

Adjustment Location:



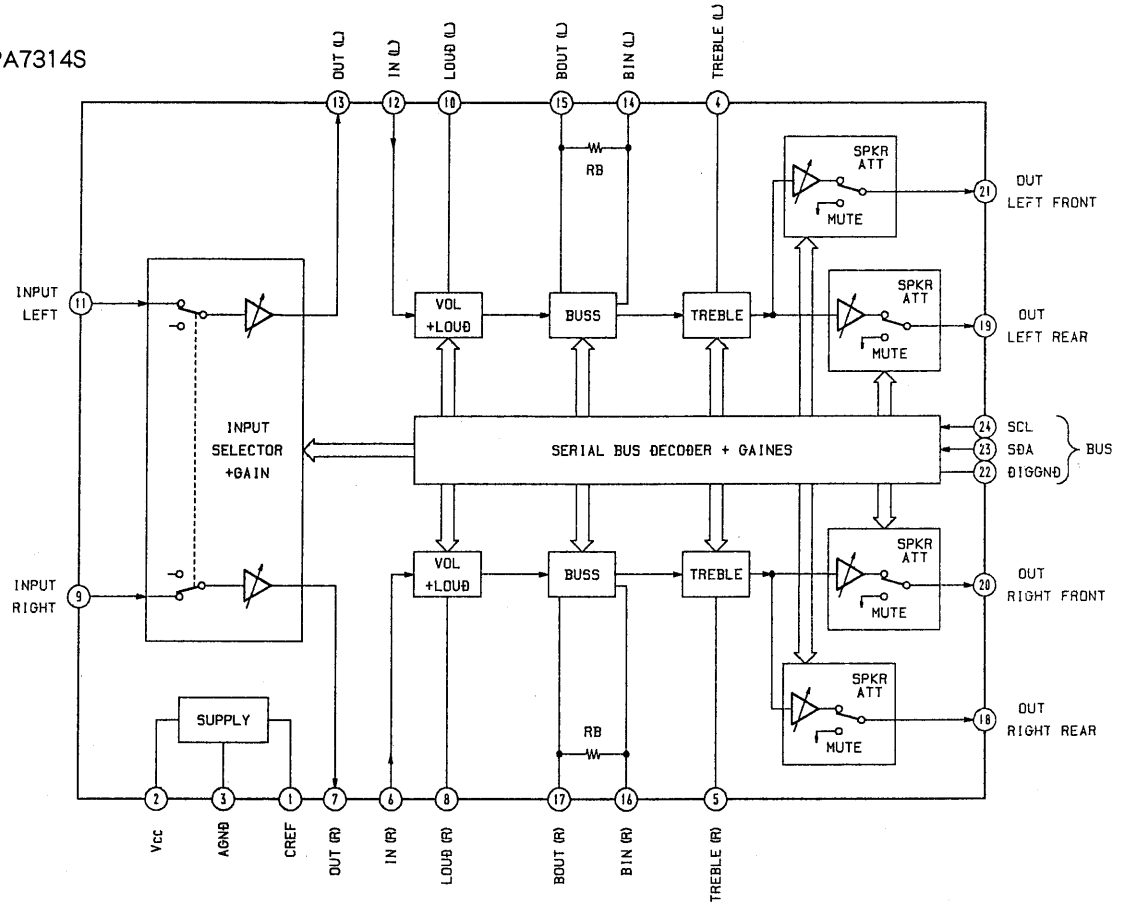
SECTION 4
DIAGRAMS

4-1. BLOCK DIAGRAM

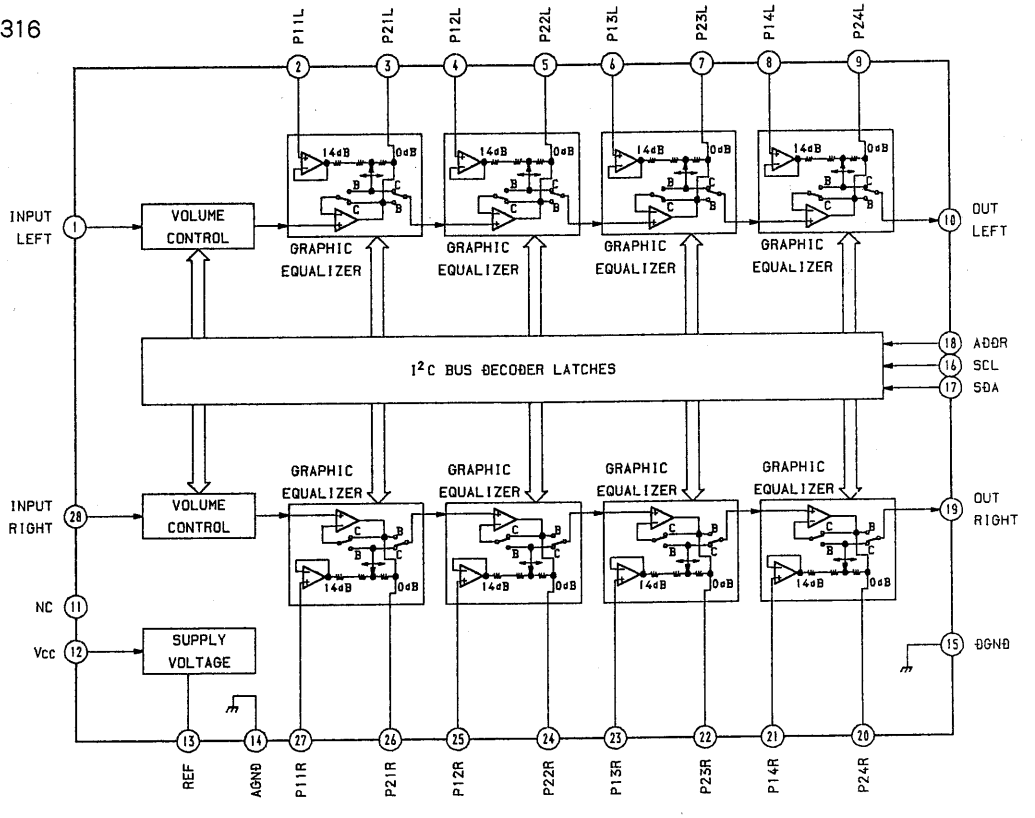


4-2. IC BLOCK DIAGRAM

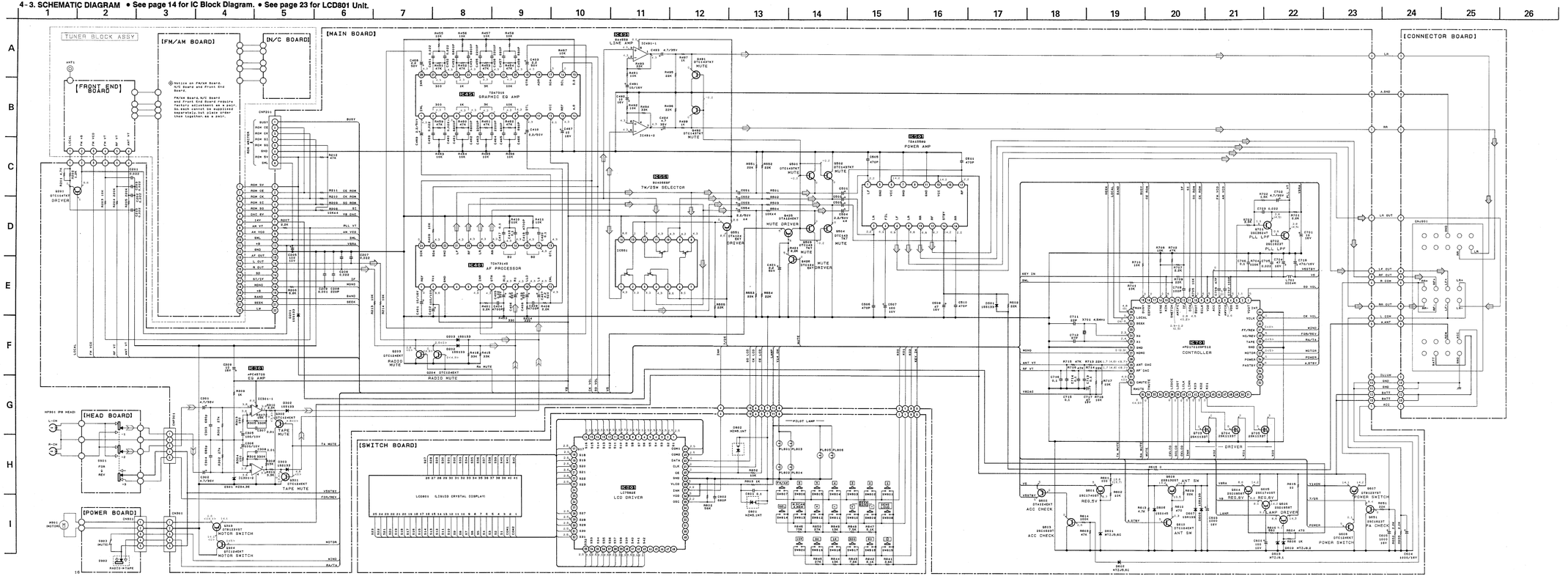
• IC401 TPA7314S

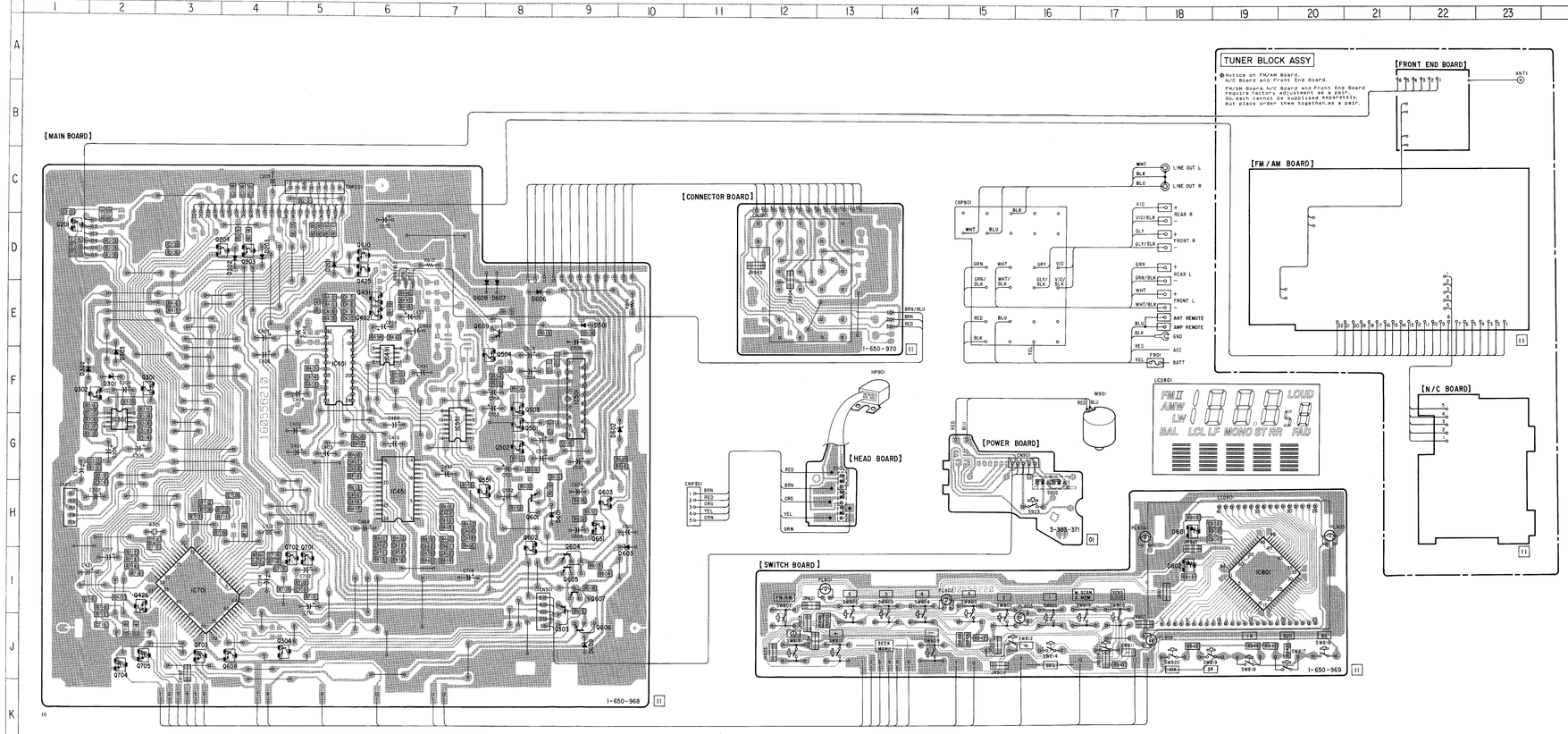


• IC451 TDA7316



4-3. SCHEMATIC DIAGRAM • See page 14 for IC Block Diagram. • See page 23 for LCD801 Unit.





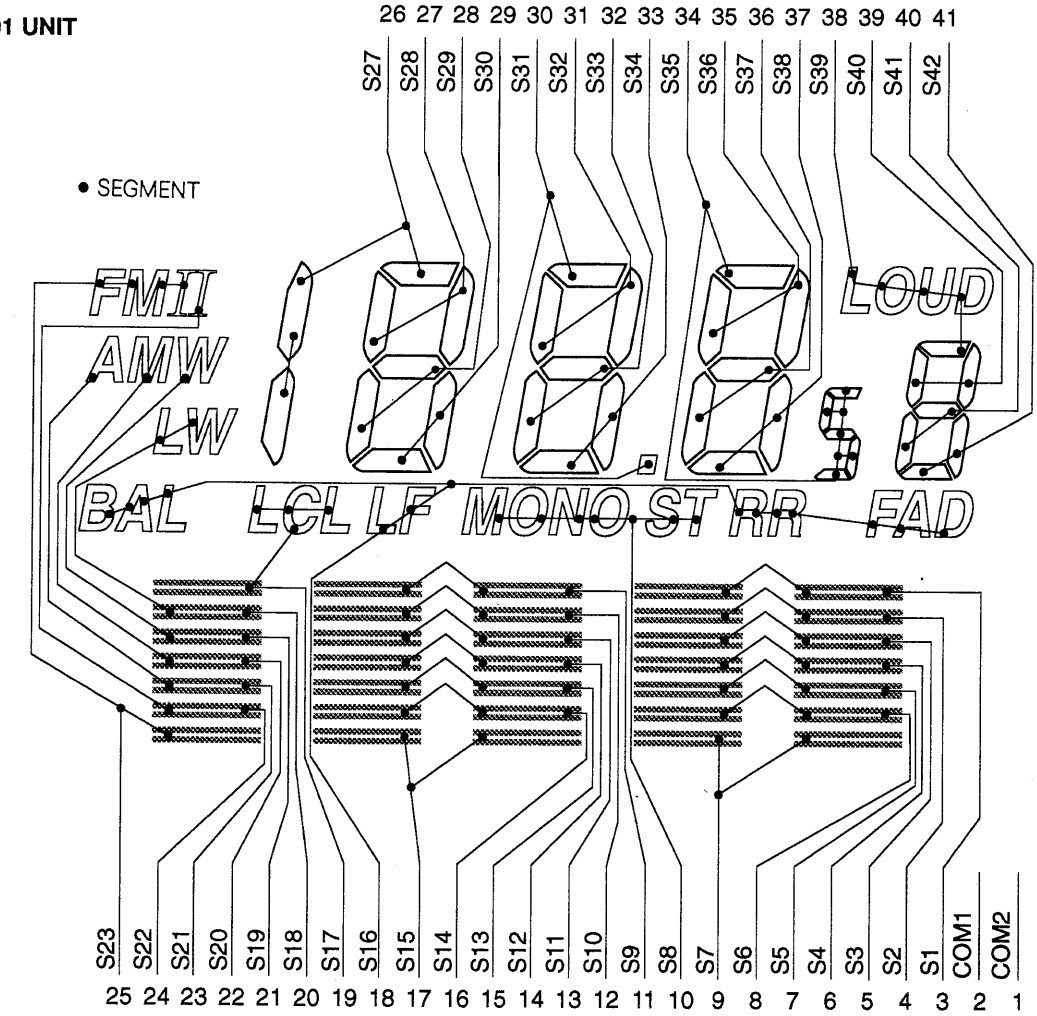
● Semiconductor Location

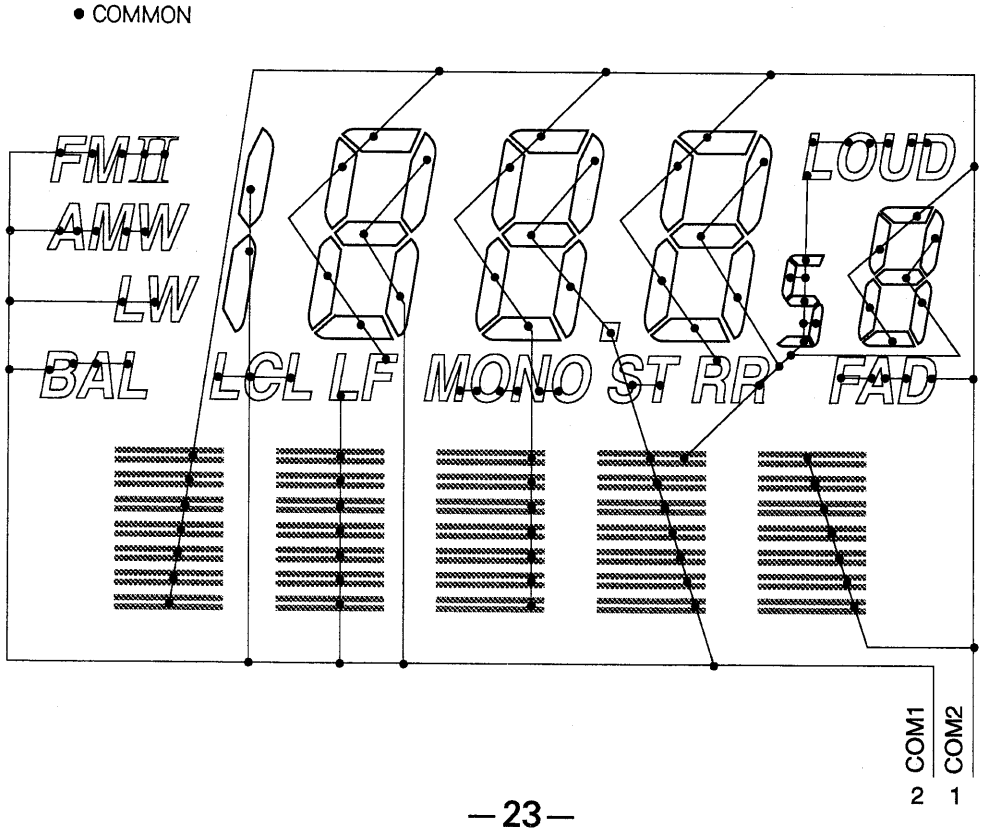
Ref. No.	Location	Ref. No.	Location
Q201	D-5	Q302	F-1
Q202	D-4	Q303	J-9
Q203	D-4	Q304	J-4
Q301	F-2	Q425	D-6
Q302	F-1	Q426	I-2
Q303	F-2	Q491	E-6
Q501	E-9	Q492	E-6
Q601	H-9	Q501	G-8
Q602	G-10	Q502	G-8
Q603	I-10	Q503	F-8
Q606	E-8	Q504	F-8
Q607	E-8	Q551	H-8
Q608	E-8	Q601	H-8
Q609	J-9	Q602	I-8
Q801	H-18	Q603	H-9
Q802	I-18	Q604	I-9
		Q605	I-9
IC301	G-2	Q606	J-9
IC401	F-5	Q607	I-9
IC451	H-6	Q608	J-4
IC491	F-6	Q609	E-8
IC501	F-9	Q610	D-6
IC551	G-7	Q651	H-9
IC701	I-3	Q701	I-5
IC801	I-19	Q702	I-5
		Q703	J-3
Q201	D-1	Q704	J-2
Q203	D-4	Q705	J-2
Q204	D-4	Q704	J-2
Q301	F-2		

Note on Mounting Diagram :

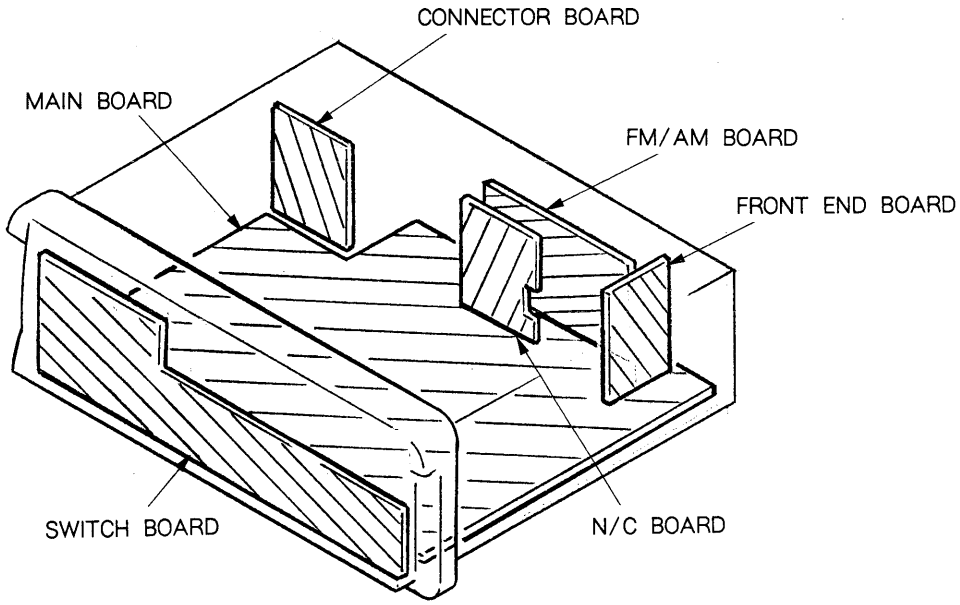
- ● ○—— : Parts extracted from the component side.
- ● ▒▒▒ : Pattern on the side which is seen.

4-5. LCD801 UNIT



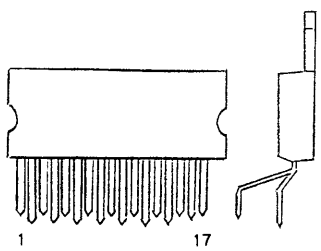


4-6. CIRCUIT BOARDS LOCATION

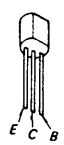


4-7. SEMICONDUCTOR LEAD LAYOUTS

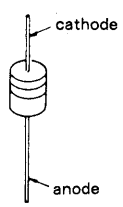
TDA1558Q



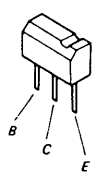
2SC1740ST



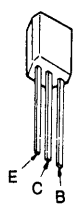
MTZJ-8.2B
RD5.6ESB2
RD9.1ESB2
UZ-4.3BSB
1SR139-200
1SS133
1SS145



2SD1858-P



DTB123YS



4-8. IC DESCRIPTION

● IC701 (μPD17012GF512-3BE)

No.	Pin Name	I/O	Description
1	VDOT	O	Serial data output pin to the electronic volume and equalizer
2	P7WATO	O	7W × 4/25 × 2 switching pin of the power amplifier
3	EO	O	PLL error output pin
4	VDD	I	Power supply pin of the device (5V ± 10%)
5	AMVCO	I	Input pin of AM local oscillatior frequency
6	FMVCO	I	Input pin of FM local oscillatior frequency
7	ACC	I	ACC input pin
8	VDD	I	Power supply pin of the device (5V ± 10%)
9	ECLK	O	Serial clock output pin to E2PROM
10	EDOT	O	Serial data output pin to E2PROM
11	DIN	I	Serial data input pin from E2PROM and external sequencer
12	IF	I	Input pin of FM (10.7 MHz) / AM (450kHz) IF count
13	AMIFC	I	Not used
14	SMETIN	I	AD input pin for S meter measurement
15	KIN	I	AD input for key input
16	STRE	I	Station detector/Stereo input pin
17	P0B2	I	No used
18	EEPCE	O	Serial latch output terminal to E2PROM
19	BUSY	O	Transmission BUSY output pin to E2PROM/electronic volume
20	FMAM	O	FM band control pin
21	LOCAL	O	Local/DX control pin
22	SEEK	O	IF gate control pin
23	P1CO	O	Not used
24	X0	O	Crystal oscillator connection pin (4.5 MHz)
25	X1	I	Crystal oscillator connection pin (4.5 MHz)
26	GND	I	GND of the device
27	MONO	O	Monaural control pin
28	LWLW	O	LW band control
29	ANT DAC	O	Varactor voltage control pin on the antenna side (PWM output)
30	RF DAC	O	Varactor voltage control pin on the RF side (PWM output)
31	P1D3	I	Not used
32	CMUTE	O	Tape mute pin
33	RMUTE	O	Radio mute pin
34	TMUTE	O	Total mute pin
35	COM2	O	Not used
36	COM1	O	Not used
37	COM0	O	Not used
38	LCDCE	O	Serial latch output pin to the LCD driver
39	LDOT	O	Serial data output pin to the LCD driver
40	LCLK	O	Serial clock output pin to the LCD driver
41	LINH	O	Inhibit output pin to the LCD driver
42	KO3	O	Key scan output pin
43	KO2	O	Key scan output pin
44	KO1	O	Key scan output pin

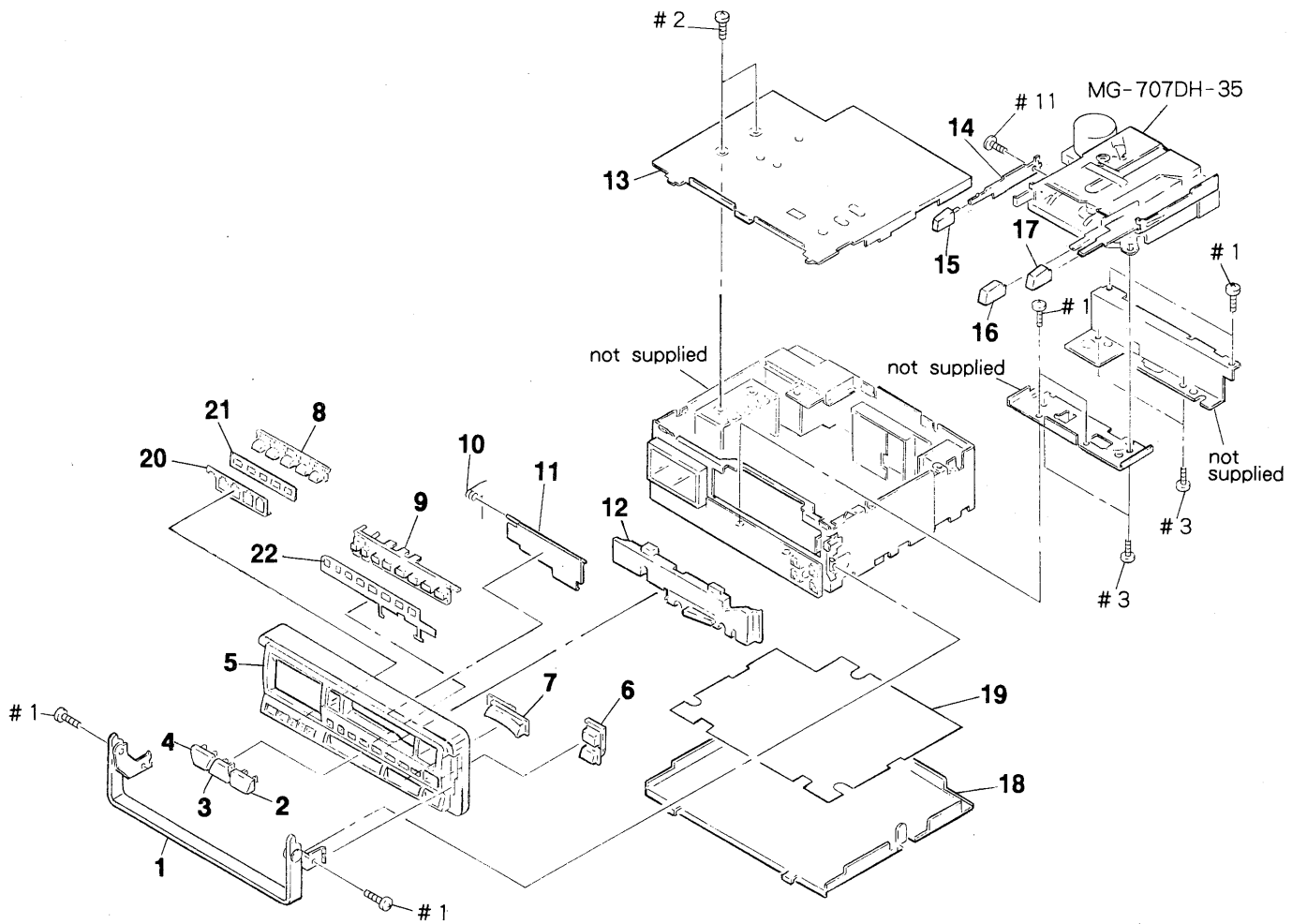
No.	Pin Name	I/O	Description
45	LCD12	O	Not used
46	LCD11	O	Not used
47	LCD10	O	Not used
48	LCD9	O	Not used
49	LCD8	O	Not used
50	LCD7	O	Not used
51	LCD6	O	Not used
52	LCD5	O	Not used
53	LCD4	O	Not used
54	LCD3	O	Not used
55	PASTBY	O	Power amplifier standby control pin
56	POWER	O	Power control pin
57	MOTOR	O	Motor control pin
58	GND	I	Device GND pin
59	TAPE	I	Tape mode input pin
60	NO/REV	I	$\overline{\text{NORMAL}}$/REVERSE input pin
61	FF/REW	I	FF/REWIND input pin
62	$\overline{\text{P7WATI}}$	I	Power amplifier 7W/25W input pin
63	VCLK	O	Serial clock output pin to power supply volume and equalizer
64	INT	I	Not used

SECTION 5
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE)...(RED)
  ↑ ↑
  Parts color Cabinet's color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

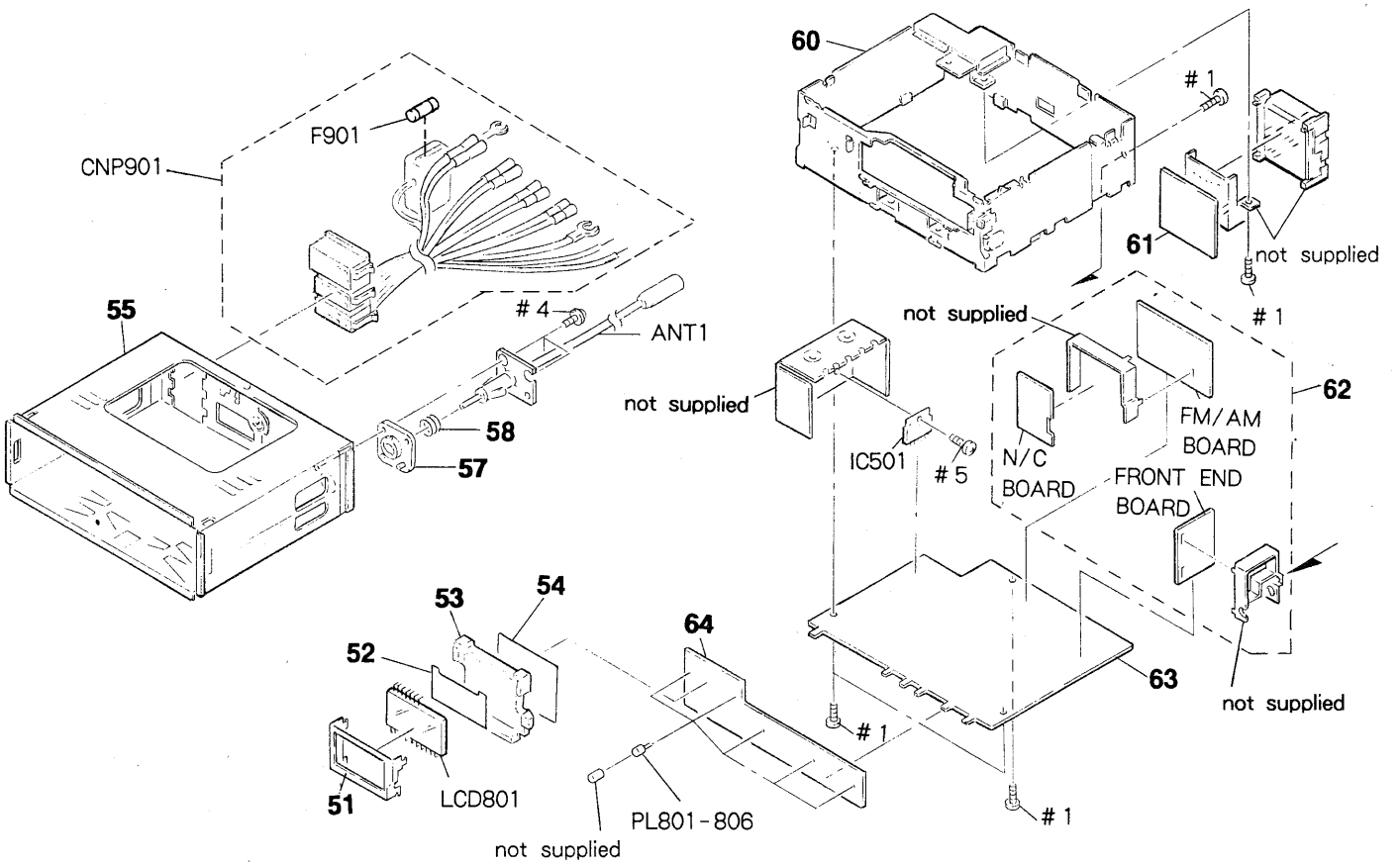
5-1. CHASSIS ASSEMBLY 1



Ref. No.	Part No.	Description	Remarks
* 1	X-3365-797-1	HANDLE ASSY	
2	3-906-580-01	BUTTON (+)	
3	3-906-581-01	BUTTON (SEL)	
4	3-906-582-01	BUTTON (-)	
5	3-906-571-01	PANEL, FRONT	
6	3-906-565-01	BUTTON (FM/AM)	
7	3-906-566-01	BUTTON (SEEK)	
8	3-906-567-01	BUTTON (EQ)	
9	3-906-570-01	BUTTON (1-6)	
* 10	3-384-150-01	SPRING (C DOOR), TORSION	
11	3-906-573-01	DOOR, CASSETTE	
* 12	3-906-572-01	PLATE, LIGHT GUIDE	
* 13	3-384-170-01	COVER (UPPER)	
* 14	3-384-175-01	LEVER (EJECT)	
15	3-906-564-01	BUTTON (EJECT)	
16	3-906-563-01	BUTTON (REW)	
17	3-906-562-01	BUTTON (FF)	
* 18	3-384-171-01	COVER (LOWER)	
* 19	3-908-977-01	INSULATOR	
* 20	3-908-979-01	PLATE, GROUND (BUTTON)	
21	3-910-462-01	SPACER (BUTTON)	
22	3-910-463-01	SPACER (PRESET)	

5-2. CHASSIS ASSEMBLY 2

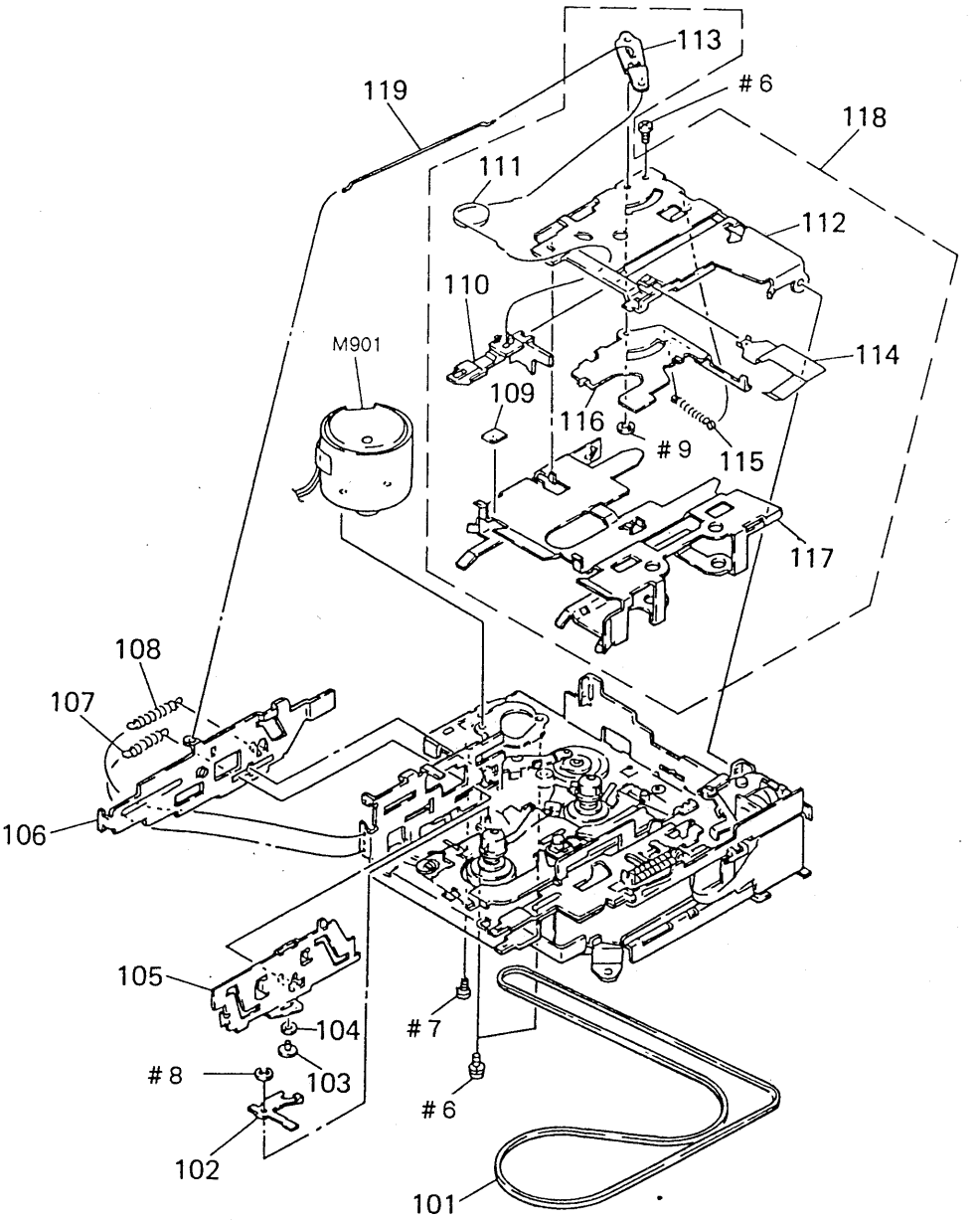
※Notice on FM/AM Board, N/C Board and Front End Board.
FM/AM Board, N/C Board and Front End Board require factory adjustment as a pair. So, each cannot be supplised separately, but place order them together, as a pair.



Ref. No.	Part No.	Description	Remarks
* 51	3-908-980-01	PLATE (LCD), GROUND	
* 52	3-908-982-01	SHEET (REFLECTOR)	
* 53	3-908-978-01	PLATE (LCD), LIGHT GUIDE	
* 54	3-909-019-01	SHEET (A)	
* 55	X-3366-739-1	BRACKET ASSY	
* 57	3-384-163-01	SPACER (ANT)	
58	3-384-164-01	SPRING, COMPRESSION	
* 60	X-3367-669-1	CHASSIS ASSY	
* 61	1-650-970-11	CONNECTOR BOARD	
62	A-3222-690-A	TUNER BLOCK ASSY	

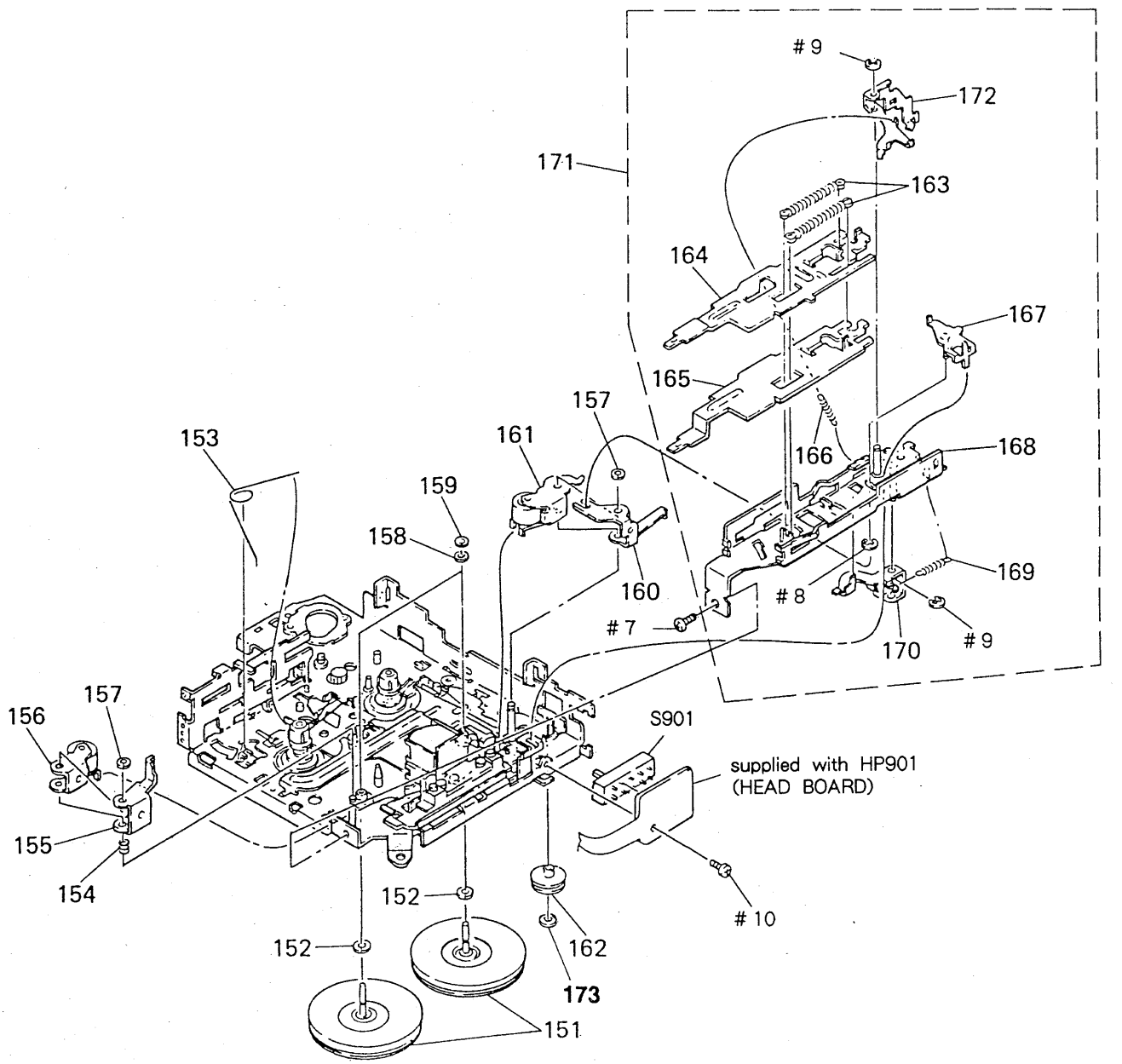
Ref. No.	Part No.	Description	Remarks
* 63	A-3295-901-A	MAIN BOARD, COMPLETE	
* 64	A-3295-902-A	SWITCH BOARD, COMPLETE	
ANT1	1-696-718-11	CORD (WITH CONNECTOR) (ANT)	
CNP901	1-751-818-11	CORD (WITH CONNECTOR)	
F901	1-532-421-00	FUSE, GLASS TUBE 5A	
IC501	8-759-248-34	IC TDA1558Q	
LCD801	1-810-411-11	DISPLAY PANEL, LIQUID CRYSTAL	
PL801-6	1-517-267-11	LAMP, PILOT	

5-3. MD ASSEMBLY 1 (MG-707DH-35)



Ref. No.	Part No.	Description	Remarks
101	3-367-284-01	BELT, MAIN	
102	3-367-313-01	ARM, H.P PUSH	
103	3-367-264-01	ROLLER (A), H.P	
104	3-367-265-01	ROLLER (B), H.P	
* 105	3-367-311-01	PLATE (M), PUSH, C.H	
* 106	3-367-269-01	LEVER (M), PUSH	
107	3-367-267-01	SPRING, C.H	
108	3-367-268-01	SPRING, PUSH LEVER	
109	3-367-254-01	RUBBER, CUSHION	
110	3-367-258-01	SLIDER (C), PACK	
111	3-367-255-01	SPRING (C), REVERSE	
* 112	3-367-251-01	LIFTER, CASE	
* 113	3-367-252-01	RIVETING ASSY, P.E PLATE	
* 114	3-367-259-01	SPRING, PACK RETAINER	
115	3-367-253-01	SPRING, C.D	
* 116	3-367-257-01	PLATE (B), C.D	
* 117	3-367-256-01	CASE (M), CASSETTE	
118	X-3362-789-2	CASSETE CASE ASSY	
119	3-367-260-01	SPRING, P.E	
M901	3-367-276-01	MOTOR ASSY	

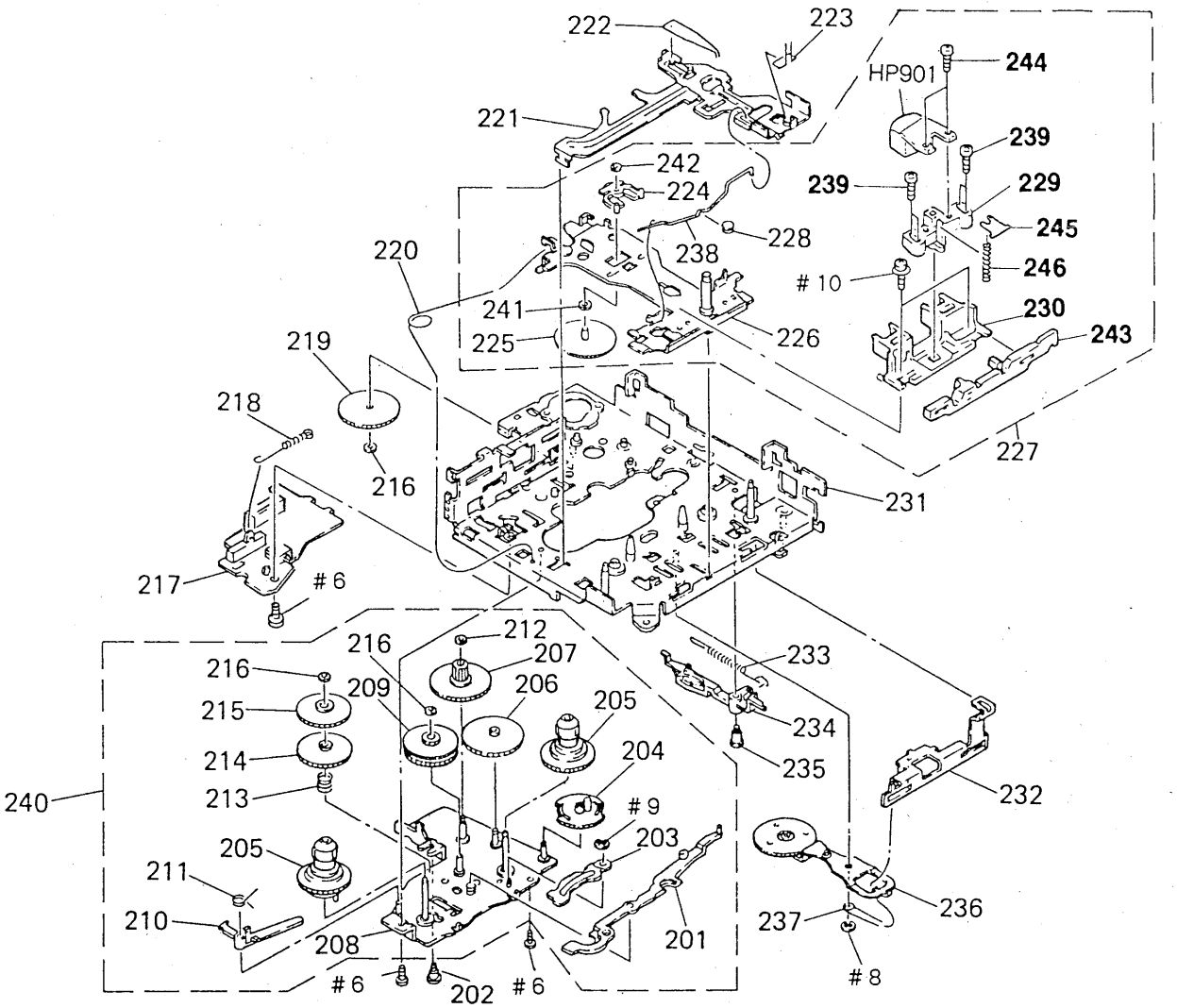
5-4. MD ASSEMBLY 2 (MG-707DH-35)



Ref. No.	Part No.	Description	Remarks
151	3-367-283-01	RIVETING ASSY, F.L CAPSTAN	
152	3-701-437-01	WASHER	
153	3-367-314-01	SPRING (M), HEAD PANEL	
154	3-367-285-01	SPRING, P.P	
* 155	3-367-296-01	ARM, H.P RETURN	
156	3-367-232-01	ARM (R) ASSY, PINCH ROLLER	
157	3-676-387-00	POLY-SLIDER (DIA.1.6)	
158	3-315-495-41	WASHER	
159	3-592-680-00	WASHER (C), POLYETHYLENE	
* 160	3-367-292-01	PLATE, FUNCTION, SEESAW	
161	3-367-231-01	ARM (F) ASSY, PINCH ROLLER	
162	3-367-287-01	PULLEY, MIDWAY	

Ref. No.	Part No.	Description	Remarks
163	3-367-298-01	SPRING, F.R LEVER	
* 164	3-383-377-01	LEVER (M.H), FF	
* 165	3-383-378-01	LEVER (M.H), REW	
166	3-367-304-01	SPRING (M), LOCK PLATE	
* 167	3-367-234-01	RIVETING ASSY, SEESAW PLATE(M)	
* 168	3-367-233-01	RIVETING ASSY, F.R BRACKET (M)	
169	3-367-302-01	SPRING, P.C	
* 170	3-367-301-01	PLATE, P.C	
171	X-3365-724-1	R.F LEVER ASSY	
* 172	3-367-303-01	LOCK PLATE (M)	
173	3-321-393-11	WASHER, STOPPER	
S901	1-572-712-11	SWITCH, SLIDE (FOR/REV)	

5-5. MD ASSEMBLY 3 (MG-707DH-35)



Ref. No.	Part No.	Description	Remarks
201	3-367-241-01	PLATE (B), E.D	
202	3-367-295-01	SCREW (P), COLOR	
* 203	3-367-245-01	PLATE, LIFTUP	
204	3-367-240-01	GEAR (M), REVERSE	
205	3-383-370-01	REEL ASSY, T	
206	3-367-239-01	GEAR, E.D	
207	3-367-238-01	GEAR, P.D	
* 208	3-367-242-01	RIVETING ASSY, M.G PLATE	
209	3-367-244-01	CLUTCH ASSY, P	
210	3-367-246-01	ARM, REVERSE PREVENTION	
211	3-367-247-01	SPRING	
212	3-676-387-00	POLY-SLIDER (DIA.1.6)	
213	3-367-243-01	SPRING, T.N	
214	3-367-237-01	GEAR (R), F	
215	3-367-236-01	GEAR (R), P	
216	3-318-236-01	WASHER, POLY, SLIT	
217	3-383-371-01	POWER BOARD (including S902, S903)	
218	3-367-293-01	SPRING, POWER SWITCH	
219	3-370-853-02	GEAR (V), MAIN	
220	3-367-314-01	SPRING (M), HEAD PANEL	
* 221	3-367-272-01	PLATE, MAIN	
222	3-367-273-01	SPRING, M.S	
223	3-367-274-01	SPRING, H.S	
224	3-367-226-01	METAL, P. GEAR	

Ref. No.	Part No.	Description	Remarks
225	3-367-227-01	GEAR, P	
* 226	3-383-367-01	RIVETING ASSY, HEAD PANEL	
227	X-3365-722-1	HEAD PANEL ASSY	
228	3-367-224-01	ROLLER, SP	
* 229	3-383-374-01	HOLDER (B), HEAD	
* 230	3-383-373-01	GUIDE (U), TAPE	
231	3-375-374-01	RIVETING ASSY, CHASSIS	
* 232	3-367-294-01	PLATE (M), F.R SLIDE	
233	3-367-297-01	SPRING (C), T.A	
234	3-367-289-01	ARM (C), TRIGGER	
235	3-367-290-01	SCREW (T), COLOR	
236	X-3362-791-2	F.R WORKING ASSY	
237	3-367-282-01	SPRING (M), F.R	
238	3-367-225-01	SPRING, P.R	
239	3-383-375-01	SCREW, ADJUSTMENT	
240	X-3365-723-1	M.G PLATE ASSY	
241	3-701-447-11	WASHER, 10	
242	3-579-788-01	WASHER, STOPPER	
* 243	3-383-376-01	PLATE (B), SHIFT	
244	3-383-372-01	SCREW, FIX	
245	3-383-369-01	WASHER, FASTEN	
246	3-383-368-01	SPRING, H.G	
HP901	1-543-976-11	HEAD, MAGNETIC (PLAYBACK)	

CONNECTOR | **MAIN**

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- −XX, −X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS :
  uF : μF
- RESISTORS
  All resistors are in ohms.
  METAL : metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- COILS
  uH : μH
- SEMICONDUCTORS
  In each case, u : μ, for example :
  uA... : μA... , uPA... , μPA... ,
  uPB... , μPB... ,uPC... , μPC... ,
  uPD..., μPD...

Ref. No.	Part No.	Description			Remarks
*	1-650-970-11	CONNECTOR BOARD			
		**********			
		< JACK >			
CNJ901	1-695-797-21	CONNECTOR (ISO)			
		< JUMPER RESISTOR >			
JR903	1-216-296-00	METAL CHIP	0	5% 1/8W	
JR904	1-216-296-00	METAL CHIP	0	5% 1/8W	
**********					
*	A-3295-901-A	MAIN BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 SLIT			
		< CAPACITOR >			
C201-203					
	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C205	1-126-948-11	ELECT	100uF	20% 10V	
C206	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C207	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C208	1-163-125-00	CERAMIC CHIP	220PF	5% 50V	
C209	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C210	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C301	1-126-163-11	ELECT	4.7uF	20% 50V	
C302	1-126-163-11	ELECT	4.7uF	20% 50V	
C303	1-163-137-00	CERAMIC CHIP	680PF	5% 50V	
C304	1-163-137-00	CERAMIC CHIP	680PF	5% 50V	
C305	1-124-584-00	ELECT	100uF	20% 10V	
C306	1-124-584-00	ELECT	100uF	20% 10V	
C307	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C308	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C309	1-126-157-11	ELECT	10uF	20% 16V	
C401	1-126-157-11	ELECT	10uF	20% 16V	
C402	1-124-584-00	ELECT	100uF	20% 10V	
C403	1-124-257-00	ELECT	2.2uF	20% 50V	
C404	1-163-017-00	CERAMIC CHIP	0.0047uF	5% 50V	
C405	1-124-464-11	ELECT	0.22uF	20% 50V	
C406	1-124-257-00	ELECT	2.2uF	20% 50V	
C407	1-124-257-00	ELECT	2.2uF	20% 50V	
C408	1-124-464-11	ELECT	0.22uF	20% 50V	
C409	1-163-017-00	CERAMIC CHIP	0.0047uF	5% 50V	
C410	1-124-257-00	ELECT	2.2uF	20% 50V	
C417-420					
	1-164-004-11	CERAMIC CHIP	0.1uF	10% 25V	
C421	1-124-257-00	ELECT	2.2uF	20% 50V	
C451	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C452	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C453	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V	
C454	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V	
C455	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V	
C456	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V	
C457	1-163-137-00	CERAMIC CHIP	680PF	5% 50V	
C458	1-163-137-00	CERAMIC CHIP	680PF	5% 50V	
C459	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C460	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C461	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V	
C462	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V	
C463	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V	
C464	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V	
C465	1-163-137-00	CERAMIC CHIP	680PF	5% 50V	
C466	1-163-137-00	CERAMIC CHIP	680PF	5% 50V	
C467	1-126-157-11	ELECT	10uF	20% 16V	
C468	1-124-257-00	ELECT	2.2uF	20% 50V	
C469	1-124-257-00	ELECT	2.2uF	20% 50V	
C491	1-126-157-11	ELECT	10uF	20% 16V	
C492	1-126-157-11	ELECT	10uF	20% 16V	
C493	1-126-163-11	ELECT	4.7uF	20% 50V	
C494	1-126-163-11	ELECT	4.7uF	20% 50V	
C501-504					
	1-124-257-00	ELECT	2.2uF	20% 50V	
C505	1-163-133-00	CERAMIC CHIP	470PF	5% 50V	
C506	1-163-133-00	CERAMIC CHIP	470PF	5% 50V	
C507	1-126-948-11	ELECT	100uF	20% 10V	

Ref. No.	Part No.	Description			Remarks
C508	1-124-589-11	ELECT	47uF	20%	16V
C510	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C511	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C551-554					
	1-124-257-00	ELECT	2.2uF	20%	50V
C601	1-126-948-11	ELECT	100uF	20%	10V
C603-605					
	1-126-952-11	ELECT	1000uF	20%	16V
C701	1-126-157-11	ELECT	10uF	20%	16V
C702	1-126-163-11	ELECT	4.7uF	20%	50V
C703	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C704	1-124-589-11	ELECT	47uF	20%	16V
C705	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C706	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C707	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C708	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C709	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C711	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C712	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C713-716					
	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C717	1-124-589-11	ELECT	47uF	20%	16V
C718	1-126-935-11	ELECT	470uF	20%	16V
		< CONNECTOR >			
CNP201	1-564-724-11	PIN HEADER, ANGLE 8P			
* CNP301	1-573-483-11	PIN, CONNECTOR (PC BOARD) 5P			
		< DIODE >			
D201-203					
	8-719-901-33	DIODE	1SS133		
D301	8-719-010-29	DIODE	UZ-4.3BSB		
D302	8-719-901-33	DIODE	1SS133		
D303	8-719-901-33	DIODE	1SS133		
D501	8-719-901-33	DIODE	1SS133		
D601	8-719-109-89	DIODE	RD5.6ESB2		
D602	8-719-109-89	DIODE	RD5.6ESB2		
D603	8-719-110-14	DIODE	RD9.1ESB3		
D606	8-719-032-29	DIODE	1SS145		
D607	8-719-984-80	DIODE	1SR139-200		
D608	8-719-984-80	DIODE	1SR139-200		
D609	8-719-921-67	DIODE	MTZJ-8.2B		
		< IC >			
IC301	8-759-106-02	IC	UPC4570G2		
IC401	8-759-161-19	IC	TDA7314S		
IC451	8-759-248-33	IC	TDA7316		
IC491	8-759-145-58	IC	UPC4558C		
IC501	8-759-248-34	IC	TDA1558Q		
IC551	8-759-008-67	IC	MC14066BF		
IC701	8-759-248-35	IC	uPD17012GF512-3BE		

Ref. No.	Part No.	Description			Remarks
		< JUMPER RESISTOR >			
JR167	1-216-296-00	METAL CHIP	0	5%	1/8W
		< COIL >			
L701	1-410-521-11	INDUCTOR	100uH		
		< TRANSISTOR >			
Q201	8-729-902-99	TRANSISTOR	DTC114TK		
Q203	8-729-901-00	TRANSISTOR	DTC124EK		
Q204	8-729-901-00	TRANSISTOR	DTC124EK		
Q301	8-729-901-00	TRANSISTOR	DTC124EK		
Q302	8-729-901-00	TRANSISTOR	DTC124EK		
Q303	8-729-925-67	TRANSISTOR	DTB123YS		
Q304	8-729-901-00	TRANSISTOR	DTC124EK		
Q425	8-729-901-05	TRANSISTOR	DTA124EK		
Q426	8-729-901-00	TRANSISTOR	DTC124EK		
Q491	8-729-900-98	TRANSISTOR	DTC143TK		
Q492	8-729-900-98	TRANSISTOR	DTC143TK		
Q501-504					
	8-729-900-98	TRANSISTOR	DTC143TK		
Q551	8-729-901-05	TRANSISTOR	DTA124EK		
Q601	8-729-900-93	TRANSISTOR	2SC1740ST		
Q602	8-729-901-05	TRANSISTOR	DTA124EK		
Q603	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q604	8-729-931-10	TRANSISTOR	2SD1858-P		
Q605	8-729-900-93	TRANSISTOR	2SC1740ST		
Q606	8-729-931-10	TRANSISTOR	2SD1858-P		
Q607	8-729-925-67	TRANSISTOR	DTB123YS		
Q608	8-729-901-00	TRANSISTOR	DTC124EK		
Q609	1-809-503-11	TRANSISTOR	2SB1050-R		
Q610	8-729-901-00	TRANSISTOR	DTC124EK		
Q651	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q701	8-729-422-29	TRANSISTOR	2SD601A-S		
Q702	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q703-705					
	8-729-144-85	TRANSISTOR	2SK1133		
		< RESISTOR >			
R201	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R202	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R203	1-216-073-00	METAL CHIP	10K	5%	1/10W
R204	1-216-105-00	METAL CHIP	220K	5%	1/10W
R205	1-216-105-00	METAL CHIP	220K	5%	1/10W
R206	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R207	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R208-211					
	1-216-073-00	METAL CHIP	10K	5%	1/10W
R212	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R213	1-216-073-00	METAL CHIP	10K	5%	1/10W
R214	1-216-073-00	METAL CHIP	10K	5%	1/10W

MAIN | SWITCH

Ref. No.	Part No.	Description			Remarks
R301	1-216-083-00	METAL CHIP	27K	5%	1/10W
R302	1-216-083-00	METAL CHIP	27K	5%	1/10W
R303	1-216-025-00	METAL CHIP	100	5%	1/10W
R304	1-216-025-00	METAL CHIP	100	5%	1/10W
R305	1-216-109-00	METAL CHIP	330K	5%	1/10W
R306	1-216-109-00	METAL CHIP	330K	5%	1/10W
R307	1-216-077-00	METAL CHIP	15K	5%	1/10W
R308	1-216-077-00	METAL CHIP	15K	5%	1/10W
R309	1-216-049-00	METAL CHIP	1K	5%	1/10W
R310	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R311	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R401	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R403	1-216-037-00	METAL CHIP	330	5%	1/10W
R404	1-216-037-00	METAL CHIP	330	5%	1/10W
R406	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R409-411					
	1-216-073-00	METAL CHIP	10K	5%	1/10W
R415	1-216-085-00	METAL CHIP	33K	5%	1/10W
R416	1-216-085-00	METAL CHIP	33K	5%	1/10W
R421	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R451-454					
	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R455-458					
	1-216-073-00	METAL CHIP	10K	5%	1/10W
R459-462					
	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R463-467					
	1-216-073-00	METAL CHIP	10K	5%	1/10W
R491	1-216-073-00	METAL CHIP	10K	5%	1/10W
R492	1-216-073-00	METAL CHIP	10K	5%	1/10W
R493	1-216-085-00	METAL CHIP	33K	5%	1/10W
R494	1-216-085-00	METAL CHIP	33K	5%	1/10W
R495	1-216-081-00	METAL CHIP	22K	5%	1/10W
R496	1-216-081-00	METAL CHIP	22K	5%	1/10W
R497	1-216-049-00	METAL CHIP	1K	5%	1/10W
R499	1-216-049-00	METAL CHIP	1K	5%	1/10W
R501-504					
	1-216-073-00	METAL CHIP	10K	5%	1/10W
R509	1-216-081-00	METAL CHIP	22K	5%	1/10W
R551-555					
	1-216-081-00	METAL CHIP	22K	5%	1/10W
R601	1-216-025-00	METAL CHIP	100	5%	1/10W
R602	1-216-073-00	METAL CHIP	10K	5%	1/10W
R603	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R604	1-216-041-00	METAL CHIP	470	5%	1/10W
R605	1-216-043-00	METAL CHIP	560	5%	1/10W
R606	1-216-049-00	METAL CHIP	1K	5%	1/10W
R609	1-216-081-00	METAL CHIP	22K	5%	1/10W
R610	1-247-747-11	CARBON	470	5%	1/2W
R613	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R614	1-216-097-00	METAL CHIP	100K	5%	1/10W
R615	1-216-001-00	METAL CHIP	10	5%	1/10W
R616	1-809-148-11	THERMISTOR, POSITIVE			
R651	1-216-081-00	METAL CHIP	22K	5%	1/10W
R652	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R655	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R701	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R702	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R703	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R704	1-216-097-00	METAL CHIP	100K	5%	1/10W
R705	1-216-073-00	METAL CHIP	10K	5%	1/10W
R707	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R708	1-216-073-00	METAL CHIP	10K	5%	1/10W
R709	1-216-081-00	METAL CHIP	22K	5%	1/10W
R710	1-216-073-00	METAL CHIP	10K	5%	1/10W
R711	1-216-073-00	METAL CHIP	10K	5%	1/10W
R712	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R713	1-216-081-00	METAL CHIP	22K	5%	1/10W
R714	1-216-081-00	METAL CHIP	22K	5%	1/10W
R715	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R716	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R717	1-216-073-00	METAL CHIP	10K	5%	1/10W
R718	1-216-073-00	METAL CHIP	10K	5%	1/10W
		< VIBRATOR >			
X701	1-567-713-31	VIBRATOR, CRYSTAL 4.5MHz			
**********					
*	A-3295-902-A	SWITCH BOARD, COMPLETE			
		**********			
*	3-908-978-01	PLATE (LCD), LIGHT GUIDE			
*	3-908-980-01	PLATE (LCD), GROUND			
*	3-908-982-01	SHEET (REFLECTOR)			
*	3-909-019-01	SHEET (A)			
		< CAPACITOR >			
C801	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C802	1-163-137-00	CERAMIC CHIP	680PF	5%	50V
		< DIODE >			
D801	8-719-984-88	DIODE HZM5.1NB2			
D802	8-719-984-88	DIODE HZM5.1NB2			
		< IC >			
IC801	8-759-171-25	IC LC7582E			
		< JUMPER RESISTOR >			
JR801-807					
	1-216-296-00	METAL CHIP	0	5%	1/8W

Ref. No.	Part No.	Description			Remarks
JR809-811					
	1-216-296-00	METAL CHIP	0	5% 1/8W	
		< LIQUID CRYSTAL DISPLAY >			
LCD801	1-810-411-11	DISPLAY PANEL, LIQUID CRYSTAL			
		< PILOT LAMP >			
PL801-806					
	1-517-267-11	LAMP, PILOT			
		< RESISTOR >			
R802	1-216-091-00	METAL CHIP	56K	5% 1/10W	
R803	1-216-049-00	METAL CHIP	1K	5% 1/10W	
R841	1-216-062-00	METAL CHIP	3.6K	5% 1/10W	
R842	1-216-066-00	METAL CHIP	5.1K	5% 1/10W	
R843	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R844	1-216-076-00	METAL CHIP	13K	5% 1/10W	
R845	1-216-083-00	METAL CHIP	27K	5% 1/10W	
R846	1-216-094-00	METAL GLAZE	75K	5% 1/10W	
R847	1-216-066-00	METAL CHIP	5.1K	5% 1/10W	
R848	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R849	1-216-076-00	METAL CHIP	13K	5% 1/10W	
R850	1-216-083-00	METAL CHIP	27K	5% 1/10W	
R852	1-216-073-00	METAL CHIP	10K	5% 1/10W	
		< SWITCH >			
SW801	1-554-174-00	SWITCH, KEY BOARD (1)			
SW802	1-554-174-00	SWITCH, KEY BOARD (2)			
SW803	1-554-174-00	SWITCH, KEY BOARD (3)			
SW804	1-554-174-00	SWITCH, KEY BOARD (4)			
SW805	1-554-174-00	SWITCH, KEY BOARD (5)			
SW806	1-554-174-00	SWITCH, KEY BOARD (6)			
SW807	1-554-174-00	SWITCH, KEY BOARD (FM/AM)			
SW808	1-554-174-00	SWITCH, KEY BOARD (SENS LOUD)			
SW809	1-554-174-00	SWITCH, KEY BOARD (SEEK MANU -)			
SW810	1-554-174-00	SWITCH, KEY BOARD (SEEK MANU +)			
SW811	1-554-813-41	SWITCH, KEY BOARD (-)			
SW812	1-554-813-41	SWITCH, KEY BOARD (+)			
SW813	1-554-174-00	SWITCH, KEY BOARD (M.SCAN A.MEM)			
SW814	1-554-813-41	SWITCH, KEY BOARD (SEL)			
SW815	1-554-174-00	SWITCH, KEY BOARD (⏻)			
SW816	1-554-813-41	SWITCH, KEY BOARD (80)			
SW817	1-554-813-41	SWITCH, KEY BOARD (300)			
SW818	1-554-813-41	SWITCH, KEY BOARD (1k)			
SW819	1-554-813-41	SWITCH, KEY BOARD (3k)			
SW820	1-554-813-41	SWITCH, KEY BOARD (10k)			

****

Ref. No.	Part No.	Description	Remarks
	A-3222-690-A	TUNER BLOCK ASSY	
		**********	
		(Including the FM/AM and FRONT END and N/C board)	
		*Notice on FM/AM Board, N/C Board and Front End Board FM/AM Board, N/C Board and Front End Board require factory adjustment as a pair. So, each cannot be supplised separatery, but place order them together, as a pair.	

****

MISCELLANEOUS

****

ANT1	1-696-718-11	CORD (WITH CONNECTOR) (ANT)	
CNP901	1-751-818-11	CORD (WITH CONNECTOR)	
HP901	1-543-976-11	HEAD, MAGNETIC (PLAYBACK)	
M901	3-367-276-01	MOTOR ASSY	
S901	1-572-712-11	SWITCH, SLIDE (FOR/REV)	
F901	1-532-421-00	FUSE, GLASS TUBE 5A	

****

ACCESSORIES & PACKING MATERIALS

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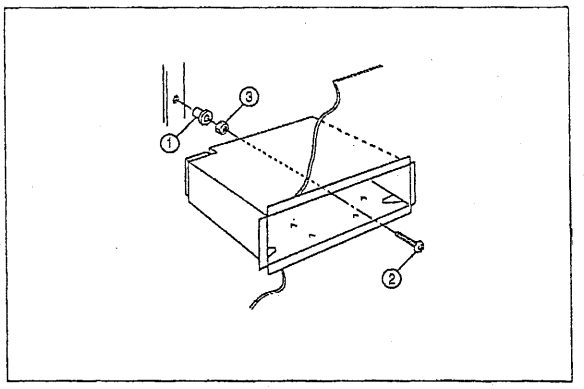
*	3-384-162-01	KNOB (LEVER)	
	3-384-166-01	SCREW (+P) (2.3X4)	
	3-757-540-11	MANUAL, INSTRUCTION (ENGLISH/SPANISH /CHINESE)	
*	3-908-102-01	INDIVIDUAL CARTON	

****

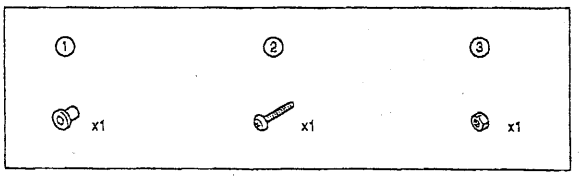
Ref. No. Part No. Description Remarks

MOUNTING HARDWARE

To Support the Unit



Supplied Mounting Hardware



MOUNTING HARDWARE
****

1 3-349-410-01 BUSHING
2 7-682-579-04 SCREW +P 5X20
3 7-684-025-04 N 5, TYPE 2

****

Ref. No. Part No. Description Remarks

****
HARDWARE LIST
****

#1 7-621-770-87 SCREW +PTT 2.6X5 (S)
#2 7-685-134-19 SCREW +P 2.6X8 TYPE2 NON-SLIT
#3 7-682-545-09 SCREW +B 3X4
#4 7-621-770-XX SCREW +PWH 2.6X8
#5 7-685-646-79 SCREW +BVTP 3X8 TYPE2 SLIT

#6 7-621-255-10 SCREW +P 2X3
#7 7-628-253-95 SCREW +PS 2.6X4
#8 7-624-104-04 STOP RING 2.0, TYPE -E
#9 7-624-102-04 STOP RING 1.5, TYPE -E
#10 7-628-253-05 SCREW +PS 2X4

#11 7-627-556-08 SCREW +P 2.6X2.8

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Mobile Electronics Group

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